

Transmittal

ID - 2-100035

QUANTUM Environmental

Engineering and Geologic Consulting

South 2195 Silver Beach Loop * Coeur d'Alene, Idaho 83814

208*765*2308

quantum@comtech.iea.com

May 3, 1999

Gary McRae

US Environmental Protection Agency

1435 North Orchard St,

Boise, ID 83702



Description:

Closure data for Conkling Park Marina

Remarks:

Give me a call if you have any questions.

Sincerely:

A handwritten signature in cursive script, appearing to read "Jim DeSmet".

James S. De Smet, PE, PG



IDAHO UNDERGROUND STORAGE TANK 30 DAY NOTICE OF CLOSURE

1-280119

Facility ID#: 1-280216
County: Kootenai

SITE/FACILITY INFORMATION:

Facility Name: Conkling Park Marina

Facility Location: Conkling Park

Worley, Idaho 83876

Street

City, State

Zip

Phone: ()

Fire District:

Worley

OWNER/OPERATOR INFORMATION:

Owner/Operator: Laferty Transportation Co.

Joe Clank

Mailing Address: Conkling Park Marina
Rt 1 Box 26

Worley, ID

83876

Street

City, State

Zip

Phone: () 208-686-1151

TANK INFORMATION:

(attach additional pages if needed)

In accordance with §280.71 of the Federal EPA Underground Storage Tank Regulations, we are notifying you of our intent to permanently close the following tanks:

TANK ID	PROJECTED CLOSURE DATE	TANK CAPACITY	SUBSTANCE STORED	DATE LAST USED
01	3/24/99	2000	Gasoline	9/98

CLOSURE TO BE PERFORMED BY:

UST Technician: Jason Kelly

Certification #:

UST Technician's Employer:

Tank Guys

Phone:

208 664 4551

Site Assessor: (if different)

James S. De Smet, PE, RG/Quantum Env. Engr.

Phone:

208 765 2308

I have read the instructions on page 2 and concede the above-stated information is complete and accurate.

OWNER/OPERATOR SIGNATURE:

DATE:

Only signatures by owner/operators will be accepted. UST technicians signatures cannot be used.

****TANKS MUST BE REGISTERED PRIOR TO SUBMISSION OF THIS
FORM AND BEFORE CLOSURE CAN BEGIN****

<h2 style="text-align: center; margin: 0;">Notification for Underground Storage Tanks</h2> <p style="font-size: small; margin: 0;">State Agency Name and Address Idaho Division of Environmental Quality, Water Quality Bureau, 1410 N. Hilton, Boise, ID 83706</p>	<h3 style="text-align: center; margin: 0;">STATE USE ONLY</h3> <p style="margin: 0;">FACILITY ID <u>1-280119</u></p>
<p style="text-align: center; font-weight: bold; margin: 0;">TYPE OF NOTIFICATION</p> <p style="margin: 0;"> <input type="checkbox"/> NEW FACILITY <input type="checkbox"/> AMENDED <input checked="" type="checkbox"/> CLOSURE </p> <p style="margin: 0;"> <u>2</u> No. of tanks at facility _____ No. of continuation sheets attached </p>	<p style="text-align: center; font-weight: bold; margin: 0;">DATE RECEIVED</p> <p style="margin: 0;">Date Entered into Computer _____</p> <p style="margin: 0;">Data Entry Clerk Initials _____</p> <p style="margin: 0;">Owner Was Contacted to _____</p> <p style="margin: 0;">Clarify Responses, Comments _____</p> <p style="margin: 0;">_____</p> <p style="margin: 0;">_____</p> <p style="margin: 0;">_____</p>
<p style="margin: 0;">INSTRUCTIONS - See additional instructions on page 6</p> <p style="margin: 0;">Please type or print in ink all items except "signature" in section VII and XI. This form must be completed for each location containing underground storage tanks. If more than five (5) tanks are owned at this location, photocopy the following sheets, and staple continuation sheets to the form.</p>	

GENERAL INFORMATION

Notification is required by Federal law for all underground tanks that have been used to store regulated substances since January 1, 1974, that are in the ground as of May 8, 1986, or that are brought into use after May 8, 1986. The information requested is required by Section 9002 of the Resource Conservation and Recovery Act, (RCRA), as amended.

The primary purpose of this notification program is to locate and evaluate underground tanks that store or have stored petroleum or hazardous substances. It is expected that the information you provide will be based on reasonably available records, or in the absence of such records, your knowledge, belief, or recollection.

Who Must Notify? Section 9002 of RCRA, as amended, requires that, unless exempted, owners of underground tanks that store regulated substances must notify designated State or local agencies of the existence of their tanks. Owner means—

a) in the case of an underground storage tank in use on November 8, 1984, or brought into use after that date, any person who owns an underground storage tank used for the storage, use, or dispensing of regulated substances, and

b) in the case of any underground storage tank in use before November 8, 1984, but no longer in use on that date, any person who owned such tank immediately before the discontinuation of its use.

c) if the State agency so requires, any facility that has undergone any changes to facility information or tank system status (only amended tank information needs to be included).

What Tanks Are Included? Underground storage tank is defined as any one or combination of tanks that (1) is used to contain an accumulation of "regulated substances," and (2) whose volume (including connected underground piping) is 10% or more beneath the ground. Some examples are underground tanks storing: 1. Gasoline, used oil, or diesel fuel, and 2. Industrial solvents, pesticides, herbicides or fumigants.

What Tanks Are Excluded? Tanks with a capacity of 110 gallons or less are not subject to notification. Other tanks excluded from notification are:

1. farm or residential tanks of 1,100 gallons or less capacity used for storing motor fuel for noncommercial purposes;
2. tanks used for storing heating oil for consumptive use on the premises where stored;

3. septic tanks;
4. pipeline facilities (including gathering lines) regulated under the Natural Gas Pipeline Safety Act of 1968, or the Hazardous Liquid Pipeline Safety Act of 1979, or which is an intrastate pipeline facility regulated under State laws;
5. surface impoundments, pits, ponds, or lagoons;
6. storm water or waste water collection systems;
7. flow-through process tanks;
8. liquid traps or associated gathering lines directly related to oil or gas production and gathering operations;
9. storage tanks situated in an underground area (such as a basement, cellar, mineworking drift, shaft, or tunnel) if the storage tank is situated upon or above the surface of the floor.

What Substances Are Covered? The notification requirements apply to underground storage tanks that contain regulated substances. This includes any substance defined as hazardous in section 101 (14) of the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA), with the exception of those substances regulated as hazardous waste under Subtitle C of RCRA. It also includes petroleum, e.g., crude oil or any fraction thereof which is liquid at standard conditions of temperature and pressure (80 degrees Fahrenheit and 14.7 pounds per square inch absolute).

Where To Notify? Send completed forms to:

Div of Environmental Quality
2110 Ironwood Parkway
Coeur d'Alene, ID 83814
208-769-1422

When To Notify? 1. Owners of underground storage tanks in use or that have been taken out of operation after January 1, 1974, but still in the ground, must notify by May 8, 1986. 2. Owners who bring underground storage tanks into use after May 8, 1986, must notify within 30 days of bringing the tanks into use. 3. If the State requires notification of any amendments to the facility send information to State agency immediately.

Penalties: Any owner who knowingly fails to notify or submits false information shall be subject to a civil penalty not to exceed \$10,000 for each tank for which notification is not given or for which false information is submitted.

<h3 style="text-align: center; margin: 0;">I. OWNERSHIP OF TANK(S)</h3> <p style="margin: 0;">Owner ID _____</p> <p style="margin: 0;">State Tax Number or Social Security Number _____</p> <p style="margin: 0;">Name <u>Joe Clark</u></p> <p style="margin: 0;">Rt 1 Box 26</p> <p style="margin: 0;">Mailing Address <u>50 Jerry Lane</u></p> <p style="margin: 0;">City <u>Worley</u> ID <u>83876</u></p> <p style="margin: 0;">County <u>Kootenai</u> State _____ ZIP Code _____</p> <p style="margin: 0;">Phone Number (include Area Code) <u>208 686 1151</u></p>	<h3 style="text-align: center; margin: 0;">II. LOCATION OF TANK(S)</h3> <p style="margin: 0;">Give the geographic location of tanks by degrees, minutes, and seconds. Examples Lat. 42, 36, 12 N Long. 85, 24, 17W or legal description.</p> <p style="margin: 0;">(if same as Section I, mark box here <input checked="" type="checkbox"/>)</p> <p style="margin: 0;">Name _____</p> <p style="margin: 0;">Street Address (P.O. Box not acceptable) _____</p> <p style="margin: 0;">City _____ State _____ ZIP Code _____</p> <p style="margin: 0;">County _____ Latitude _____ Longitude _____</p> <p style="margin: 0;">Legal Description _____</p>
--	--

Tank Identification Number	Tank No. <u>1</u>	Tank No. _____	Tank No. _____	Tank No. _____	Tank No. _____
E. Substance Currently or Last Stored In Greatest Quantity by Volume					
Gasoline	<u>2000</u>				
Diesel					
Gasohol					
Kerosene					
Heating Oil					
Used Oil					
Other petroleum product (Please specify)					
If not a petroleum product:					
Hazardous Substance (circle one)	YES / NO	YES / NO	YES / NO	YES / NO	YES / NO
CERCLA name and/or, CAS number					
If not listed above:					
Mixture of Substances (circle one)	YES / NO	YES / NO	YES / NO	YES / NO	YES / NO
Please specify					
X. TANKS OUT OF USE, OR CHANGE IN SERVICE					
Closing of Tank					
Tank was removed from ground	<u>3/24/99</u>				
Tank was closed in ground					
Estimated date last used (mo./day/year)	<u>9/98</u>				
Estimate date tank closed (mo./day/year)					
Tank filled with inert material (Indicate material)					
Change in service					
Site Assessment Completed (circle one)	<u>YES / NO</u>	YES / NO	YES / NO	YES / NO	YES / NO
Evidence of a leak detected (circle one)	YES / <u>NO</u>	YES / NO	YES / NO	YES / NO	YES / NO

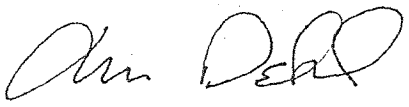
III. TYPE OF OWNER	IV. INDIAN LANDS
<input type="checkbox"/> Federal Government <input checked="" type="checkbox"/> Commercial <input type="checkbox"/> State Government <input type="checkbox"/> Private <input type="checkbox"/> Local Government	Tanks are located on land within an Indian Reservation or on other trust lands. <input type="checkbox"/> Tanks are owned by native American nation, tribe, or individual. <input type="checkbox"/>
Tribe or Nation: _____	

V. TYPE OF FACILITY		
Select the Appropriate Facility Description		
<input type="checkbox"/> Gas Station <input type="checkbox"/> Petroleum Distributor <input type="checkbox"/> Air Taxi (Airline) <input type="checkbox"/> Aircraft Owner <input type="checkbox"/> Auto Dealership <input type="checkbox"/> Railroad	<input type="checkbox"/> Local Government <input type="checkbox"/> State Government <input type="checkbox"/> Federal - Non-Military <input type="checkbox"/> Federal - Military <input type="checkbox"/> Commercial <input type="checkbox"/> Industrial	<input type="checkbox"/> Contractor <input type="checkbox"/> Trucking/Transport <input type="checkbox"/> Utilities <input type="checkbox"/> Farm <input type="checkbox"/> Residential <input type="checkbox"/> Other (Explain) <u>Marina</u>

VI. CONTACT PERSON IN CHARGE OF TANKS	
Name <u>Joe Clark</u> Address <u>Rt 1 Box 26</u> <u>50 Jerry Lane</u>	Title <u>Owner</u> City <u>Worley</u> State <u>ID</u> Zip <u>83876</u> Phone <u>208 686 1151</u>

VII. CERTIFICATION (Read and sign after completing all sections)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

Name and official title of owner or owner's authorized representative (Print)	Signature	Date Signed
Name <u>JAMES S. DE SMET, PE, P;G</u> Title <u>CONSULTANT</u>		<u>4/6/99</u>

VIII. FINANCIAL RESPONSIBILITY											
I have met the financial responsibility requirements in accordance with 40 CFR Subpart H (Circle one.) YES NO											
Check All that Apply <table style="width: 100%; margin-top: 10px;"> <tr> <td><input checked="" type="checkbox"/> Self Insurance</td> <td><input type="checkbox"/> Surety Bond</td> </tr> <tr> <td><input type="checkbox"/> Commercial Insurance</td> <td><input type="checkbox"/> Letter of Credit</td> </tr> <tr> <td><input type="checkbox"/> Risk Retention Group</td> <td><input type="checkbox"/> State Funds</td> </tr> <tr> <td><input type="checkbox"/> Guarantee</td> <td><input type="checkbox"/> Trust Fund</td> </tr> <tr> <td colspan="2" style="text-align: center;"> <input type="checkbox"/> Other Method Allowed Specify _____ </td> </tr> </table>		<input checked="" type="checkbox"/> Self Insurance	<input type="checkbox"/> Surety Bond	<input type="checkbox"/> Commercial Insurance	<input type="checkbox"/> Letter of Credit	<input type="checkbox"/> Risk Retention Group	<input type="checkbox"/> State Funds	<input type="checkbox"/> Guarantee	<input type="checkbox"/> Trust Fund	<input type="checkbox"/> Other Method Allowed Specify _____	
<input checked="" type="checkbox"/> Self Insurance	<input type="checkbox"/> Surety Bond										
<input type="checkbox"/> Commercial Insurance	<input type="checkbox"/> Letter of Credit										
<input type="checkbox"/> Risk Retention Group	<input type="checkbox"/> State Funds										
<input type="checkbox"/> Guarantee	<input type="checkbox"/> Trust Fund										
<input type="checkbox"/> Other Method Allowed Specify _____											

EPA estimates public reporting burden for this form to average 30 minutes per response including time for reviewing instructions, gathering and maintaining the data needed and completing and reviewing the form. Send comments regarding this burden estimate to Chief, Information Policy Branch PM-223, U.S. Environmental Protection Agency, 401 M Street, Washington D.C. 20460, marked Attention Desk Officer for EPA." This form amends the previous notification form as printed in 40 CFR Part 280, Appendix I. Previous editions of this notification form may be used while supplies last.

RBCA SUMMARY REPORT

COVER SHEET AND CHECKLIST

TIER 0 <input checked="" type="checkbox"/>	TIER 1 <input type="checkbox"/>	FACILITY ID: 1-280119
TIER 2 <input type="checkbox"/> LUST ID:		
Site Name: Conkling Park Marina		Date Completed: 3/24/99
Site Location: Workey, ID		Completed By: James S. De Smet, PE, PG

ITEM	DESCRIPTION	TIER 0	TIER 1	TIER 2
WORKSHEET LIST				
Worksheet 1	Ownership and Site Description	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Worksheet 2	UST/AST System Characterization	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Worksheet 3	Release History	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Worksheet 4a	Summary of Current and Potential Site Activities	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Worksheet 4b	Tier 0 Data Summary	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Worksheet 5	Hydrogeologic Assessment		<input type="checkbox"/>	<input type="checkbox"/>
Worksheet 6	Beneficial Use Summary		<input type="checkbox"/>	<input type="checkbox"/>
Worksheet 7	Water Well Inventory		<input type="checkbox"/>	<input type="checkbox"/>
Worksheet 8	Receptor Survey		<input type="checkbox"/>	<input type="checkbox"/>
Worksheet 9	Ecological Receptor Survey		<input type="checkbox"/>	<input type="checkbox"/>
Worksheet 10	RBCA Site Classification Summary		<input type="checkbox"/>	<input type="checkbox"/>
Worksheet 11	Baseline Exposure Flowchart		<input type="checkbox"/>	<input type="checkbox"/>
Worksheet 12	Surface Soil Concentration Data Summary (<3' BGS)		<input type="checkbox"/>	<input type="checkbox"/>
Worksheet 13	Subsurface Soil Concentration Data Summary (>3' BGS)		<input type="checkbox"/>	<input type="checkbox"/>
Worksheet 14	Groundwater Concentration Data Summary		<input type="checkbox"/>	<input type="checkbox"/>
Worksheet 15	Surface Water Assessment and Data Summary		<input type="checkbox"/>	<input type="checkbox"/>
Worksheet 16	Vapor Assessment		<input type="checkbox"/>	<input type="checkbox"/>
Worksheet 17	Miscellaneous Site Data Summary		<input type="checkbox"/>	<input type="checkbox"/>
Worksheet 18	Tier 1 RBSL Evaluation: Surface Soil		<input type="checkbox"/>	<input type="checkbox"/>
Worksheet 19	Tier 1 RBSL Evaluation: Subsurface Soil		<input type="checkbox"/>	<input type="checkbox"/>
Worksheet 20	Tier 1 RBSL Evaluation: Groundwater		<input type="checkbox"/>	<input type="checkbox"/>
Worksheet 21	Tier 2 Parameter Assessment Sheet			<input type="checkbox"/>
Worksheet 22	Tier 2 Surface Soil SSTL Values			<input type="checkbox"/>
Worksheet 23	Tier 2 Subsurface SSTL Values			<input type="checkbox"/>
Worksheet 24	Tier 2 Groundwater SSTL Values			<input type="checkbox"/>
Worksheet 25	Tier 2 Baseline Risk Summary Table			<input type="checkbox"/>
Worksheet 26	Conclusions and Recommendations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Worksheet 27	List of Attachments		<input type="checkbox"/>	<input type="checkbox"/>
ATTACHMENT LIST				
Attachment 1	Site Plan		<input type="checkbox"/>	<input type="checkbox"/>
Attachment 2	Vicinity Maps		<input type="checkbox"/>	<input type="checkbox"/>
Attachment 3	Map of Water Well Locations		<input type="checkbox"/>	<input type="checkbox"/>
Attachment 4	Well Drillers Reports		<input type="checkbox"/>	<input type="checkbox"/>
Attachment 5	Site Plan w/Sampling Locations	N/A	<input type="checkbox"/>	<input type="checkbox"/>
Attachment 6	Geologic Cross-Sections		<input type="checkbox"/>	<input type="checkbox"/>
Attachment 7	Lithologic Logs		<input type="checkbox"/>	<input type="checkbox"/>
Attachment 8	Groundwater Elevation Map		<input type="checkbox"/>	<input type="checkbox"/>
Attachment 9	Soil Contaminant Concentration Maps		<input type="checkbox"/>	<input type="checkbox"/>
Attachment 10	Groundwater Contaminant Concentration Maps		<input type="checkbox"/>	<input type="checkbox"/>
Attachment 11	Time-Series Groundwater Data		<input type="checkbox"/>	<input type="checkbox"/>
Attachment 12	Soil Gas Survey/Vapor Concentration Map		<input type="checkbox"/>	<input type="checkbox"/>

Attachment 13	Summary Tables of all Analytical Results	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Attachment 14	Summary Tables of all Gauging Data		<input type="checkbox"/>	<input type="checkbox"/>
Attachment 15	Copies of Analytical Reports	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Attachment 16	Copies of Manifests, etc.		<input type="checkbox"/>	<input type="checkbox"/>
Attachment 17	Site Photos		<input type="checkbox"/>	<input type="checkbox"/>
Attachment 18	Modeling Documentation (Tier 2 Option 2 only)			<input type="checkbox"/>

LUST ID:

FACILITY ID: 1-280119

OWNERSHIP AND
SITE DESCRIPTION

LOCATION DESCRIPTION

Facility Name: Conkling Park Marina

Address: 50 Jerry Lane,

Cross Street: N/A

City: Worley

County: Kootenai

Current Site Water Supply: Small community system served by deep well

Notes:

SITE OWNERSHIP & ACTIVITY RECORD

<u>Time Period</u>		<i>Instructions: Identify (past and present) property owner and operator. Describe past production and materials handling activities, waste disposal practices, and chemicals used.</i>
Begin	End	
1994		Joe Clark
	1994	Jerry Nebbel

RBCA SUMMARY REPORT**Worksheet # 26**

LUST ID#: _____

Facility ID#: 1-280119**CONCLUSIONS**

No contamination found. Site was backfilled and no further action is needed.

PROPOSAL FOR CORRECTIVE ACTION/SITE CLOSURE

UST/AST SYSTEM CHARACTERIZATION

Release Information	Other Comments:
UST/AST System Status: <input type="checkbox"/> Active <input type="checkbox"/> Permanently or Temporarily Out of Service <input checked="" type="checkbox"/> Closed/Removed Former Tanks Method of release discovery: <input checked="" type="checkbox"/> UST Removal <input type="checkbox"/> Release Detection Equipment <input type="checkbox"/> Divestiture Assessment <input type="checkbox"/> Inventory Control <input type="checkbox"/> System Tightness Testing <input type="checkbox"/> Other Substance released (check all that apply) <input type="checkbox"/> Gasoline <input type="checkbox"/> Diesel <input type="checkbox"/> Waste Oil <input type="checkbox"/> AV Gas <input type="checkbox"/> Jet Fuel <input type="checkbox"/> Hydraulic Fluid <input type="checkbox"/> Other Sources of Release(s): Date Discovered: <input type="checkbox"/> Spills/overfills <input type="checkbox"/> Piping <input type="checkbox"/> Dispenser <input type="checkbox"/> Tank <input type="checkbox"/> Other Unknown	<i>No release identified. Site was clean.</i>
	If Release Is Spill: Estimated Quantity Released Areal extent (ft ²) Depth
Removal Information	Other Comments:
Date(s) of removal(s): 3/24//99 Type of Removal: excavation by others <input checked="" type="checkbox"/> Removal from the ground <input type="checkbox"/> Closure in place Water in tank hold during excavation? <input type="checkbox"/> Yes <input type="checkbox"/> No X Depth of water in tank hold: <input type="checkbox"/> <5 ft. <input checked="" type="checkbox"/> 5-10 ft. <input type="checkbox"/> 11-15 ft. <input type="checkbox"/> None NAPL: <input type="checkbox"/> Yes <input type="checkbox"/> No Thickness: (ft.): Water excavated from tankhold? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Volume (gal.): Groundwater recharged into tankhold: <input type="checkbox"/> Yes <input type="checkbox"/> No X Depth (ft. BGS): Status of excavation(s):	

<input type="checkbox"/> Open with water <input type="checkbox"/> Backfilled & impervious cover <input checked="" type="checkbox"/> Backfilled & no impervious cover Type fill: Native <input type="checkbox"/> Untreated backfill <input type="checkbox"/> Treated backfill <input type="checkbox"/> Other clean fill <input type="checkbox"/> Clean fill-gravel <input type="checkbox"/> Clean fill - sandy/clay		<input type="checkbox"/> Open/dry		
Maximum level of contamination detected in native soils upon completion of removal/repair (mg/kg):		See Attached Lab Data All soil ND for petroleum contamination		
Chemical of Concern	Sample Date	Sample Location/Depth	Laboratory Method Detection Limit	Maximum Concentration (mg/kg)
Benzene	3/24/99			
Toluene				
Ethylbenzene				
Total Xylenes				
TPH				
Metals				
Other				
Other				

RBCA SUMMARY REPORT
Worksheet # 3 N/A No Release

Site Name: Conkling Park Marina

Site Location: Worley, Idaho

RELEASE/SOURCE AREA HISTORY		
<u>Time Period</u>		Instructions: Describe potential sources and spill events, including location type and estimated volume of materials stored or released, time and duration of release, and affected media (soil, ground water, etc.). Discuss past corrective actions efforts as appropriate.
Begin	End	
		No Spills or releases detected

Site Name: Conkling Park Marina
 Site Location: Worley, Idaho

Date Completed: 3/24/99
 Completed By: James S. De Smet, PE,
 PG

**SUMMARY OF
 CURRENT &
 COMPLETED AND
 POTENTIAL NEAR-
 TERM SITE
 ACTIVITIES**

Typical site activities to be recorded include: Preliminary Site Assessment/Site Inspection
 Review Hazard Ranking System Risk/Exposure Assessment Remedy Selection Remedy
 Implementation

Types of sampling & testing include: Soil X Surface Water Vapors

Date Completed	Status of Task	Description of Task	Sampling and Testing Conducted
3/24/99	<input checked="" type="checkbox"/> Completed <input type="checkbox"/> Current <input type="checkbox"/> Potential	Site assessment and sampling	Yes
	<input type="checkbox"/> Completed <input type="checkbox"/> Current <input type="checkbox"/> Potential		
	<input type="checkbox"/> Completed <input type="checkbox"/> Current <input type="checkbox"/> Potential		
	<input type="checkbox"/> Completed <input type="checkbox"/> Current <input type="checkbox"/> Potential		

Site Name: Conkling Park Marina	Site Location: Worley, Idaho
LUST ID:	Facility ID: 1-280119

TIER 0 DATA SUMMARY

Low precipitation (<15' inches/yr total annual) ? ☒ High precipitation (>15' inches/yr) ? ☐

Estimated Volume of Contaminated Soil Removed No contaminated soil _____

Key excavation area # to locations indicated on map in Attachment 5.

Area	Size of Excavation(s) (ft.)							
	Length	Width	Depth	Sidewalls	Bottom	<input type="checkbox"/> VOC's	<input type="checkbox"/> PAH's	<input type="checkbox"/> Other
	12	10	5		2	yes		

Sample Summary

Area	Sample No.	Depth	Area	Sample No.	Depth
1	<u>Tank 1-south</u>	5			
2	<u>Tank 1-north</u>	5			

Do any samples exceed applicable Tier 0 cleanup levels? ☐ Yes ☒ No

If yes, list sample # and analytical result and applicable Tier 0 concentration.

Disposition of Excavated Soil

Soil Treated On - Site?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
If No:	Yes	No
Land Treatment?	<input type="checkbox"/>	<input type="checkbox"/>
Land Fill?	<input type="checkbox"/>	<input type="checkbox"/>
Other:	<input type="checkbox"/>	<input type="checkbox"/>
NFA-backfilled		

What is the final use of treated soil?

Discuss.

N/A

Site Name: Conkling Park Marina	Site Location: Worley, Idaho
LUST ID:	Facility ID: 1-280119

TIER 0 DATA SUMMARY

Low precipitation (<15' inches/yr total annual) ? ☒ High precipitation (>15' inches/yr) ? ☐

Estimated Volume of Contaminated Soil Removed No contaminated soil _____

Key excavation area # to locations indicated on map in Attachment 5.

Area	Size of Excavation(s) (ft.)							
	Length	Width	Depth	Sidewalls	Bottom	<input type="checkbox"/> VOC's	<input type="checkbox"/> PAH's	<input type="checkbox"/> Other
	12	10	5		2	yes		

Sample Summary

Area	Sample No.	Depth	Area	Sample No.	Depth
1	<u>Tank 1-south</u>	5			
2	<u>Tank 1-north</u>	5			

Do any samples exceed applicable Tier 0 cleanup levels? ☐ Yes ☒ No

If yes, list sample # and analytical result and applicable Tier 0 concentration.

Disposition of Excavated Soil

Soil Treated On - Site?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
If No:	Yes	No
Land Treatment?	<input type="checkbox"/>	<input type="checkbox"/>
Land Fill?	<input type="checkbox"/>	<input type="checkbox"/>
Other:	<input type="checkbox"/>	<input type="checkbox"/>
NFA-backfilled		

What is the final use of treated oil?

Discuss.

N/A



Seattle 1833 3 Avenue NE, Suite 101, Bothell, WA 98011-9508
425.4 40 fax 425.429.9210
Spokane East Montgomery, Suite B, Spokane, WA 99206 4776
509.82 J fax 509.924.9230
Portland 9105 SW Nimbus Avenue, Beaverton, OR 97008 7132
503.966.9200 fax 503.966.9210
Bend 20354 Empire Avenue, Suite E-9, Bend, OR 97708-1883
541.383.9310 fax 541.382.7538

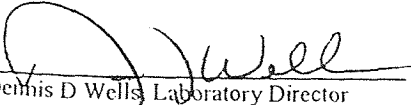
Quantum Environmental	Project: Conkling PK UST	Sampled: 3/24/99
S. 2195 Silver Beach	Project Number: 904	Received: 3/25/99
Coeur d'Alene, ID 83824	Project Manager: Jim DeSmet	Reported: 4/5/99 16:25

ANALYTICAL REPORT FOR SAMPLES:

Sample Description	Laboratory Sample Number	Sample Matrix	Date Sampled
Tank I-S	S903068-01	Soil	3/24/99
Tank I-N	S903068-02	Soil	3/24/99

North Creek Analytical, Inc.

*The results in this report apply to the samples analyzed in accordance with the chain of custody document.
This analytical report must be reproduced in its entirety.*


Dennis D Wells, Laboratory Director

North Creek Analytical, Inc.
Environmental Laboratory Network

Page 1 of 9



Seattle 3633 4th Avenue NE, Suite 101, Bothell, WA 98011-9508
425 481.3833 fax 425.420.9210
Spokane East 500 Montgomery, Suite B, Spokane, WA 99206-4776
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Bend 20354 Empire Avenue, Suite E-9, Bend, OR 97708-1883
541.383.9310 fax 541.382.7588

Quantum Environmental
S. 2195 Silver Beach
Coeur d'Alene, ID 83824

Project: Conkling PK UST
Project Number: 904
Project Manager: Jim DeSmet

Sampled: 3/24/99
Received: 3/25/99
Reported: 4/5/99 16:25

Gasoline Hydrocarbons by EPA 8015 and BTEX, MTBE, Naphthalene by EPA 8020
North Creek Analytical - Spokane

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
Tank 1-S								
				<u>S903068-01</u>			Soil	
GRO as Gasoline	0390065	3/29/99	3/31/99		5.00	ND	mg/kg dry	
Benzene	"	"	"		0.0500	ND	"	
Toluene	"	"	"		0.0500	ND	"	
Ethylbenzene	"	"	"		0.0500	ND	"	
Xylenes (total)	"	"	"		0.100	ND	"	
Surrogate: 4-BFB (FID)	"	"	"	50.0-150		87.5	%	
Surrogate: 4-BFB (PID)	"	"	"	53.0-136		80.0	"	
Methyl tert-butyl ether	"	"	"		0.0500	ND	mg/kg dry	
Naphthalene	"	"	"		0.0500	ND	"	
Tank 1-N								
				<u>S903068-02</u>			Soil	
GRO as Gasoline	0390065	3/29/99	3/31/99		5.00	ND	mg/kg dry	
Benzene	"	"	"		0.0500	ND	"	
Toluene	"	"	"		0.0500	ND	"	
Ethylbenzene	"	"	"		0.0500	ND	"	
Xylenes (total)	"	"	"		0.100	ND	"	
Surrogate: 4-BFB (FID)	"	"	"	50.0-150		86.8	%	
Surrogate: 4-BFB (PID)	"	"	"	53.0-136		77.4	"	
Methyl tert-butyl ether	"	"	"		0.0500	ND	mg/kg dry	
Naphthalene	"	"	"		0.0500	ND	"	

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Portland 9405 SW Alder Avenue, Beaverton, OR 97008-7132
503.906.9200 fax 503.906.9210
Bend 20354 Empire Avenue, Suite E-9, Bend, OR 97708-1883
541.383.9310 fax 541.382.7588

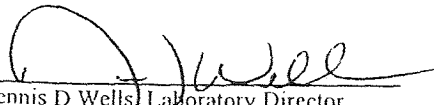
Quantum Environmental	Project: Conkling PK UST	Sampled: 3/24/99
S. 2195 Silver Beach	Project Number: 904	Received: 3/25/99
Coeur d'Alene, ID 83824	Project Manager: Jim DeSmet	Reported: 4/5/99 16:25

Metals by EPA 6010/7000 Series Methods
North Creek Analytical - Spokane

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
<u>Tank 1-S</u>				<u>S903068-01</u>				
Lead	0390062	3/29/99	3/29/99	EPA 6010A	1.59	21.4	Soil mg/kg dry	

North Creek Analytical, Inc.

*Refer to end of report for text of notes and definitions.


Dennis D Wells Laboratory Director

North Creek Analytical, Inc.
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503 996 9200 fax 503 996 9210
Bend 20354 Empire Avenue, Suite E-9, Bend, OR 97708-1883
541 383 9310 fax 541 382 7588

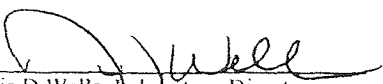
Quantum Environmental	Project: Conkling PK UST	Sampled: 3/24/99
S. 2195 Silver Beach	Project Number: 904	Received: 3/25/99
Coeur d'Alene, ID 83824	Project Manager: Jim DeSmet	Reported: 4/5/99 16:25

EDB/ DBCP/EDC by EPA Method 504
North Creek Analytical - Spokane

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
<u>Tank I-S</u>				<u>S903068-01</u>			<u>Soil</u>	
1,2-Dibromoethane	0390068	3/31/99	3/31/99		10.0	ND	ug/kg dry	
1,2-Dichloroethane	"	"	"		10.0	ND	"	
Surrogate: TCX	"	"	"	50.0-150		94.6	%	

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*Refer to end of report for text of notes and definitions.


Dennis D Wells, Laboratory Director

North Creek Analytical, Inc.
Environmental Laboratory Network

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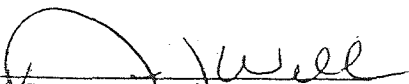
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Quantum Environmental	Project: Conkling PK UST	Sampled: 3/24/99
S. 2195 Silver Beach	Project Number: 904	Received: 3/25/99
Coeur d'Alene, ID 83824	Project Manager: Jim DeSmet	Reported: 4/5/99 16:25

Dry Weight Determination
North Creek Analytical - Spokane

Sample Name	Lab ID	Matrix	Result	Units
Tank I-S	S903068-01	Soil	77.9	%
Tank I-N	S903068-02	Soil	78.8	%

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Dennis D Wells, Laboratory Director

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Quantum Environmental	Project: Conkling PK UST	Sampled: 3/24/99
S. 2195 Silver Beach	Project Number: 904	Received: 3/25/99
Coeur d'Alene, ID 83824	Project Manager: Jim DeSmet	Reported: 4/5/99 16:25

Gasoline Hydrocarbons by EPA 8015 and BTEX, MTBE, Naphthalene by EPA 8020/Quality Control
North Creek Analytical - Spokane

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 0390065 Date Prepared: 3/29/99 Extraction Method: GC Volatiles										
Blank 0390065-BLK1										
GRO as Gasoline	3/31/99			ND	mg/kg dry	5.00				
Benzene	"			ND	"	0.0500				
Toluene	"			ND	"	0.0500				
Ethylbenzene	"			ND	"	0.0500				
Xylenes (total)	"			ND	"	0.100				
Surrogate: 4-BFB (FID)	"	1.25		1.18	"	50.0-150	94.4			
Surrogate: 4-BFB (PID)	"	1.25		1.09	"	53.0-136	87.2			
Methyl tert-butyl ether	"			ND	"	0.0500				
Naphthalene	"			ND	"	0.0500				
LCS 0390065-BS1										
GRO as Gasoline	3/31/99			60.5	mg/kg dry	50.0-140				
Surrogate: 4-BFB (FID)	"	1.25		1.67	"	50.0-150	134			
LCS 0390065-BS2										
Benzene	3/31/99	0.500		0.489	mg/kg dry	60.0-150	97.8			
Toluene	"	0.500		0.490	"	60.0-150	98.0			
Ethylbenzene	"	0.500		0.499	"	60.0-150	99.8			
Xylenes (total)	"	1.50		1.49	"	60.0-150	99.3			
Surrogate: 4-BFB (PID)	"	1.25		1.29	"	53.0-136	103			
Methyl tert-butyl ether	"	0.500		0.544	"	60.0-150	109			
Duplicate 0390065-DUP1 S903067-02										
GRO as Gasoline	3/31/99		ND	ND	mg/kg dry			51.0		
Surrogate: 4-BFB (FID)	"	1.46		1.32	"	50.0-150	90.4			
Surrogate: 4-BFB (PID)	"	1.46		1.15	"	53.0-136	78.8			
Matrix Spike 0390065-MS1 S903067-02										
GRO as Gasoline	3/31/99		ND	67.6	mg/kg dry	70.0-130				
Surrogate: 4-BFB (FID)	"	1.46		2.06	"	50.0-150	141			
Matrix Spike 0390065-MS2 S903067-02										
Benzene	3/31/99	0.583	ND	0.544	mg/kg dry	51.0-138	93.3			
Toluene	"	0.583	ND	0.559	"	47.0-147	95.9			
Ethylbenzene	"	0.583	ND	0.561	"	49.0-151	96.2			
Xylenes (total)	"	1.75	ND	1.66	"	50.0-145	94.9			
Surrogate: 4-BFB (PID)	"	1.46		1.31	"	53.0-136	89.7			
Methyl tert-butyl ether	"	0.583	ND	0.583	"	20.0-100	100			

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*Refer to end of report for text of notes and definitions.

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Quantum Environmental
S. 2195 Silver Beach
Coeur d'Alene, ID 83824

Project: Conkling PK UST
Project Number: 904
Project Manager: Jim DeSmet

Sampled: 3/24/99
Received: 3/25/99
Reported: 4/5/99 16:25

Metals by EPA 6010/7000 Series Methods/Quality Control
North Creek Analytical - Spokane

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Reporting Limit Units	Recovery %	RPD Limit	RPD %	Notes*
Batch: 0390062	Date Prepared: 3/29/99								
Blank	0390062-BLK1								
Lead	3/29/99			4.03	mg/kg dry	1.59			
LCS	0390062-BS1								
Lead	3/29/99	50.0		51.4	mg/kg dry	70.0-135	103		
Duplicate	0390062-DUP1		S903068-01						
Lead	3/29/99		21.4	20.7	mg/kg dry			20.0	3.33
Matrix Spike	0390062-MS1		S903068-01						
Lead	3/29/99	64.2	21.4	85.0	mg/kg dry	70.0-130	99.1		
Matrix Spike Dup	0390062-MSD1		S903068-01						
Lead	3/29/99	64.2	21.4	92.4	mg/kg dry	70.0-130	111	20.0	11.3

Dennis D Wells, Laboratory Director



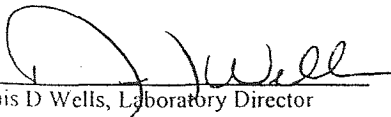
Seattle 18920 4th Avenue NE, Suite 101, Bothell, WA 98011-9508
425 475 420 9210 fax 425 420 9210
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Quantum Environmental S. 2195 Silver Beach Coeur d'Alene, ID 83824	Project: Conkling PK UST Project Number: 904 Project Manager: Jim DeSmet	Sampled: 3/24/99 Received: 3/25/99 Reported: 4/5/99 16:25
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Notes and Definitions

#	Note
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
Recov.	Recovery
RPD	Relative Percent Difference

North Creek Analytical, Inc.


Dennis D Wells, Laboratory Director

North Creek Analytical, Inc.
Environmental Laboratory Network

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(503) 906-9200 FAX 906-9210

CHAIN OF CUSTODY REPORT

Work Order

REPORT TO: Quantum 1500		INVOICE TO: Quantum 1500		TURNAROUND REQUEST in Business Days * Organic & Inorganic Analyses Fuels & Hydrocarbon Analyses Standard		DATE: 3/1 TIME: 3:3	
ATTENTION: 1500		ATTENTION: Quantum		10 7 5 4 3 2 1 Same Day		10 7 5 4 3 2 1 Same Day	
ADDRESS: 8-2095 Silver Birch Dr. COA		ADDRESS: Quantum 1500		10 7 5 4 3 2 1 Same Day		10 7 5 4 3 2 1 Same Day	
PHONE: 208-265-2388 FAX: 208-265-2388		P.O. NUMBER: 1500		NCA QUOTE #: 1500		OTHER: Specify:	
PROJECT NAME: Conklin, PK US		Analysis Request: 1500		Matrix (W, S, A, O): S		Containers: 1	
PROJECT NUMBER: 904		SAMPLED BY: VSD		Comments: 400		Comments: 400	
CLIENT SAMPLE IDENTIFICATION		SAMPLING DATE/TIME		NCA SAMPLE ID (Laboratory Use Only)		Matrix (W, S, A, O)	
1 Tank 1 - S		3/24/99		1500		S	
2 Tank 1 - N		3/24/99		1500		S	
3		4		5		6	
7		8		9		10	
RELINQUISHED BY (Signature): [Signature]		DATE: 3/25/99		RECEIVED BY (Signature): [Signature]		DATE: 3/1	
PRINT NAME:		TIME: 3:30P		PRINT NAME:		TIME: 3:3	
RELINQUISHED BY (Signature): [Signature]		DATE:		RECEIVED BY (Signature): [Signature]		DATE:	
PRINT NAME:		TIME:		PRINT NAME:		TIME:	
ADDITIONAL REMARKS:							



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Quantum Environmental
S. 2195 Silver Beach
Coeur d'Alene, ID 83824

Project: Conkling PK UST
Project Number: 904
Project Manager: Jim DeSmct

Sampled: 3/24/99
Received: 3/25/99
Reported: 4/5/99 16:25

EDB/ DBCP/EDC by EPA Method 504/Quality Control
North Creek Analytical - Spokane

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 0390068		Date Prepared: 3/31/99			Extraction Method: EPA 3550					
Blank		0390068-BLK1								
1,2-Dibromoethane	3/31/99			ND	ug/kg dry	10.0				
1,2-Dichloroethane	"			ND	"	10.0				
Surrogate: TCX	"	6.67		5.46	"	50.0-150	81.9			
LCS		0390068-BS1								
1,2-Dibromoethane	3/31/99	1.67		1.72	ug/kg dry	60.0-140	103			
Surrogate: TCX	"	6.67		6.51	"	50.0-150	97.6			
Matrix Spike		0390068-MS1		S903068-01						
1,2-Dibromoethane	3/31/99	2.14	ND	2.35	ug/kg dry	60.0-140	110			
Surrogate: TCX	"	8.56		7.29	"	50.0-150	85.2			
Matrix Spike Dup		0390068-MSD1		S903068-01						
1,2-Dibromoethane	3/31/99	2.14	ND	2.90	ug/kg dry	60.0-140	136	40.0	21.1	
Surrogate: TCX	"	8.56		8.01	"	50.0-150	93.6			

Dennis D Wells, Laboratory Director